P 85

1907 ES
Elevations

Folio 5 of
SIA 15.17 15.6,15
of 16

Arrangements for examining the
~~Class~~ work of the Architectural Class,

Previous references

1907-08
(Education

370-07

Serial Nos 15A 15B
K'16 11Sc

Later references

Lem 143-09
El 1

GENERAL AND REVENUE SECRETARIAT

Serial Nos 15a, 15b 15c K 16

Part B for April 1909

SUBJECT

Arrangements for commencing the work of the Intermediate Classes

Circular memorandum re
15-a & 15-B - Notice of the Conference
to be held on 22/09 re additional
15-b Appointments for the Central College
15-c Non-State Geologist No 1852 dtd 21/09 - Informs his
16 Proceedings of Committee 10-111-3 dtd 14/4/09 | inability to attend as
Conference

Approves the proposals regarding
GRS 58 the constitution of new buildings
for the Physics & Chemistry Classes & Labs
in the Central College Bangalore

G.S.R. 1]

1907-08

GENERAL AND REVENUE SECRETARIAT

(Education)

NOTES

File No 570-07

FILE HEADING

Arrangements for commencing the work of the Intermediate classes.

From

No	Dated	Received

Diary No	Encls	Spare Copies	Serial No

BRIEF ABSTRACT OF LETTER

NOTES AND ORDERS

NOTES—First sheet

GPB— 0000—3107

D.O. No 1219

PRIVATE SECRETARY MYSORE

Bangalore,
10-1-9

Dear Mr Madhava Rao

With reference to this file, His Highness desires me to say, that he is unable to shut his eyes to the fact, that none of the officers who are concerned in these arrangements are satisfied with what has been arranged so far, who apparently agreed in the first instance but, on second thoughts found cause for reconsidering his position, Dr Metcalfe who has to use the laboratory, does not care about the arrangement, Dr Coleman who is concerned not only for himself but for the Agricultural chemist's staff is profoundly dissatisfied with the arrangements and also sore at having been ignored officially Dr Smyth has consented to the proposals ~~xxx~~ but now says that the proposed expenditure of Rs 20,000 for adapting the Sanskrit College for a Maternity Hospital is the lowest/instalment of what he requires and that the transfer involves an ultimate expenditure of more like two lakhs the 20,000 would

5

GOVERNMENT OF MYSORE

1909

Dear Mr Chandrasekhara Aiyar,

With reference to the Private Secy's D.O. of this date from the Dewan (Embree) the Dewan desires me to request you to convene a Conference of Officers for Friday the 22nd inst at 3 P.M. in the Public Offices, the Councillors also being requested the present to attend. Mr Travers told the Dewan that he was going to-day, the Dewan said that he need not be troubled

Circular under issue
2) Subject to approval

Yours sincerely
[illegible]
Private Secy
20/1/09

G R S 12]
General and Revenue Secretariat

Govt File No 370 of 1907-08

Serial No 15B.

To The Regl of Govt
" Senior Surgeon
" State Geologist
" Chief Engineer
" Pl. Central college
" Mr. Metcalfe, Prof of Physics
Govt Mycologist

Circular No 6781 dt 20/1/09

States that a Conference will be held to discuss the matter of providing addl buildings for the Central college on 22/1/09 and Requests his presence on that day in the ~~Pwo~~ Public offices

15C. From the State Geologist
No 1854 dt 20/1/09
States that he is unable to attend the Conference.

NOTE—Contn sheet

G R S 12]
General and Revenue Secretariat

GDS File No 370 of 1907-10

Serial No 15 D

Proceedings of the Conference held at on 22-1-09

NOTE—Contn sheet

G1 B— 000—7 4 0

Submitted to His Highness

With reference to His Highness' orders contained in Mr Maconochie's D.O. letter of the 19th instant, in regard to the holding of a conference to discuss the question of additional buildings for the Central College and the removal of the Laboratories and the Maternity Hospital from their present buildings, I submit a printed copy of the notes of the conference which was held on the 22nd instant. The First Councillor was unable to be present owing to indisposition and Dr Smeeth did not also attend as he was not in the station As Dr Travers was understood to have gone to Mysore he was not requested to attend the conference

It will be seen from the printed notes that Mr Tait and Mr. Metcalfe do not now approve of either the original recommendations of Mr Cook and the Committee appointed in January 1908, to extend the existing College buildings

Approved by Government in their order of 30th March 1908

HN

G

× Approved by His Highness in order dated 14-11-08 HS (Cuttack file)

× which formed the subject of Government Order dated 3rd December 1908. H x (Cuttack file)

or of the modifications proposed by Dr. Travers with the approval of Mr Tait, or of the further modifications made on Col Smyth's suggestions, also with the approval of Mr. Tait, but they desire that a new block of buildings should be constructed for the Physics and Chemistry teaching of the Central College It is not known what the new scheme will cost, but Mr Metcalfe has been asked to go into the whole question with the Chief Engineer

I solicit His Highness' orders on the subject

His Highness may be able to see from the discussions that Mr. Metcalfe himself is not in a position to advise Government about the requirements of a class for Chemistry. Mr Metcalfe is a Physicist and comes to us direct from his College without any experience of teaching. He cannot claim any superiority over Dr Travers in regard to ability to fit up Laboratories and class rooms for teaching of science, but all the heads of our scientific departments condemn Dr. Travers with one voice and will have nothing to

do with him or his plans As our present Science Professor is fresh from College and has no experience of teaching or of the requirements of the New University Regulations, we may have, as observed by the Comptroller, to pull down and fit up the Laboratory anew when the new Professor of Chemistry comes and possibly condemns Mr Metcalfe's arrangements as unsuited to upto date requirements It may perhaps be safer to take the opinion of a representative of the Madras University before we decide upon the required additions Mr Tait assures us that the present arrangements in the College will suffice for carrying on the Intermediate Class until the end of 1909 We should have made suitable provision by that time after taking authoritative opinion.

Fresh funds can be made available in the next budget. Meanwhile I will ask the Chief Engineer to surrender the remaining provision which is urgently wanted to meet famine demands

The Private Secretary, in his letter of the 19th instant says that "this fact"

viz that the removal of the Maternity to the Sanskrit College building would ultimately involve an expenditure of two lakhs of rupees, "was not presented at all on the file". With reference to this, I must, in justice to myself, submit that I can only present facts as represented to me. My submission note of the 9th December 1908, with the typed memo accompanying it, was the outcome of a discussion of the subject with Col. Smyth, Dr. Travers, Dr. Smeeth, Mr Bhabha and Mr. Tait, and I cannot fairly be held responsible for what Col. Smyth omitted to say at the time or for what he may have subsequently told the Private Secretary to His Highness in the course of private conversation.

V (Linked file)

30/1/1909

Record of Cases submitted for the Orders of His Highness the Maharaja

Subject

31/09
601

Notes of the Conference held on the 22nd January 1909, to discuss matters connected with additional buildings for the Central College and the removal of the Laboratories and the Maternity Hospital from their present buildings

Order

1:

D.O from No 1298

To Receive
& Matter's further
report in the matter
Maybe awaited
Pro

4/20

Bangalore
2/3/9

Dear Sir Madhava Rao

The Highness will be obliged if you will get the matter settled in the manner suggested by you on Saturday

Yours sincerely
V Narasimhachar

14

14

GOVERNMENT OF MYSORE

Bangalore
8 3-09

My dear Sir,

I am directed by the Dewan to send you for perusal and kind return the following papers about additional accommodation in the Canal Office

1 Chief Engineers note 7/11 2 09
2 Mr Tait's letter No 219 of 8 2 09
3 Enclosure to Copy of letter 2210, from Mr ~~Tait~~ Jones & Mr Metcalf
4 Plans Two sheets

Yours Sincerely
Mathews

4-9 Blackerby

15 (a) 1

Central College,
Bangalore

12 March
1909

15

Dear Mr Bhabha

I understand
you have summoned Mr P
Metcalfe to a conference this
morning at 11 o'clock on
the proposed new accommodation
for the teaching of Physics
and Chemistry in the Central
College

Now I must point out
to a highly irregular procedure

Rec

Central College, Bangalore

12 March 1909

Dear Mr Bhabha,

I have no desire to take up your time, but I must still invite your attention to the chief point raised in my first letter

In that letter I said that convenience and courtesy alike require that notice should be given to the Principal, when a member of the Staff is called

21

Central College,
Bangalore

12 March
1909

Dear Mr Bhabha,

I do not find in your letter any definite statement that the Dewan desired that the usages of official courtesy should be disregarded. Until I hear to the contrary, I must assume that the fault lies elsewhere. I

25-to-16

OFFICE OF
THE INSPECTOR GENERAL OF EDUCATION
IN MYSORE

Bangalore 12 March 1909

25

Dear Mr Tait,

It is an informal meeting that is called to consider the proposals made by Mr Metcalfe, and as you would not be able to give your expert opinion on scientific requirements you were not called of

OFFICE OF
THE INSPECTOR GENERAL OF EDUCATION
IN MYSORE

Bangalore 13 March 1909

Dear Mr Paul

Before the meeting was fixed at 11 o'clock, enquiries were made of Mr Metcalfe was free at that hour he said he was free from 11 to 12 o'clock I expected the meeting would be over before 12 o'clock, but it continued longer than I thought As the matter was very important subject that was under consideration,

D-O No 269 dated 15th March 1909 from the

Principal of the Central College,

Bangalore.

----------oo oo---------

I send herewith 3 plans of the proposed new building for the teaching of Physics . The plans are duly signed as reques ed in your letter of yesterday

It is of the utmost importance that the buildi should be ready before the end of ~~[illegible]~~ November as it will take some time to transfer physical apparatus and get everything arranged

I am glad to hear that you think the prospects of th scheme favourable

Yours etc

Sd/- J G Tait

P S

The dimensions of a few of the doors and windows and the height of the rooms may be settled between Capt Dawes and Mr Metcalfe

Office Copy
E. St

GOVERNMENT OF MYSORE

163 of

My dear Sir

The Dewan desires me to return to you your memo of this date and the plans accompanying it with the request that you will kindly consult the P W Depot and obtain a rough idea as to the probable cost of the present proposals. The Dewan wishes to see in a fortnight's time submit the case to the Legislature with information as to the cost

Yours sincerely
[illegible]

OFFICE OF
THE INSPECTOR GENERAL OF EDUCATION
IN MYSORE

Bangalore 16 March 1909

Plans sent by
Lotte on 20th of
this month are
not received
16/3/09

Dear Mr Nathan

With reference to
your letter of March 8th I return
with thanks the file relating
to the Central College laboratories
sent by you I have placed on
the file memorandum
of this date which shows the
steps made to settle the
question after careful enquiries
& inspections made by me

331

Urgent

OFFICE OF
THE INSPECTOR GENERAL OF EDUCATION
IN MYSORE

Bangalore 16 March 1909

My dear W Madhava Rao,

I am returning the file relating to the Science Laboratories of the Central Colly with the note of W Nathan I have put up in the file a memorandum which explains the arrangement arrived at after considerable pains to ascertain the requirements The revised

D O No 2075 dated 17th March 1909 from the Chief Engineer of Mysore to the Inspector General of Education in Mysore

The approximate cost of this two storied block with only verandahs (10' wide-) as proposed by you on the plans sent would be Rs ~~&&&&~~ 80,000 at nearly Rs 8 a ~~&&&&~~ square foot , but as the south west monsoon will blow into the rooms facing south west and south east, I think verandahs will be found necessary on these two sides and if ~~&&&~~ we put them in on these faces we should put them in all round for symmetry, and this will increase the cost to about Rs 92,000

Your Chemistry block will, I suppose cost the same, and I am sure I do not know where you are going to put it

We will have to put in pillars in almost all the larger rooms to support the roof, unless we go to considerable extra expense for roofing in rooms 30 feet span , and I cannot see any necessity myself for having any rooms over 30 feet span or even 25 feet

Yours etc ,

Sd/- JW McHutchin

Chief Engineer of Mysore

Office Copy
4 '15

Memorandum of the Inspector General of Educatic..

Dated 16th March 1909

------0000-------

With reference to the Assistant Secretary's note of March 8th and the file of papers relating to the new Physics Laboratory of the Central College, at the request of the Dewan during my visit to Madras to attend Senate meetings on the 5th and 6th I visited with the permission of the Principals and Professors the laboratories of the Presidency College and the Christian College, and consulted Professor Jones of the Presidency College on two different occasions on the requirements of the Central College In consultation with Professor Jones it was decided to put off the construction of the Chemistry building and the settlement of the question how far the Agricultural Chemist's Laboratory with necessary additions and alterations may be utilised until the appointment of the new Professor of Chemistry, and to take up the question of providing lecture rooms, laboratories and subsidiary rooms for Physics at once Mr Jones thought that the requiremen put down by Mr Metcalfe were necessary On my return from Madras I reported to the Dewan the results of my enquiries and inspections in Madras and he directed me to call a meeting at which Mr Metcalfe's plans might be submitted to Dr Travers for favour of his opinion I approached Dr Travers and with his usual courtesy he rea

57

consented to meet Mr Metcalfe at my office on the 12th instant I was present at the meeting. The plans drawn up by Mr Metcalfe were not found to be quite suitable and many useful suggestions were made by Dr Travers The meeting lasted over an hour and as its result Mr Metcalfe was asked to revise his plans A second meeting to consider the revised plans was held at 12 noon at my office on Sunday the 14th March, and with some minor additions and alterations the revised plans were approved by Dr Travers These plans are now plac on the file - the old ones being withdrawn by Mr Metcalfe They are a vast improvement on the first plan and provide accommodation for the teaching of Physics second to none in Southern India. The plans were sent to Mr Tait for approval and he returned them signed in token of approval last eveni I strongly recommend that Government may be pleased to sanc the construction of the new building at their earliest conv nience The work should be started almost immediately, the material collected by the Contractor in the College Compoun which has been paid for already being first utilized Mr Tait's letter returning the plans I attach to this Memo. He says the new building should be ready before the end November as it will take sometime to transfer physical appa tus and get everything arranged The dimensions of the door and windows and the height of the rooms have to be settled

by the D P W authorities in consultation with Mr Metcalfe

Sd/-H J Bhabha

Inspector General of Education

Office Copy
7 15/4

157

OFFICE OF
THE INSPECTOR GENERAL OF EDUCATION
IN MYSORE

Bangalore 17 March 1909

My dear Mr Madhava Rao,

I beg to return herewith the file of the Physics Laboratories & Lecture rooms with a D.O. letter from the Chief Engineer giving an approximate estimate of the cost

Yours sincerely

H J Bhabha

The Dewan directs that these revised proposals may be circulated to Council Bo

By TV (Gov)

Circulate
28/3/09

Serial
No

Lieu - As the Dewan has dealt with this subject from the beginning & in all its stages it will be able to dispose of the present appl[n] much sooner than I & I be able to after taking the time necessary to study the file - I have therefore no remarks to submit

Sd/- 27/3/09

The revised plans may be sanctioned and the work ordered to be put in hand forthwith

I note that the Chemist block will be considered later on

Sd/-
29/3/09

12509/29/3/09

Sd/-
29/3/09

GEB— 0 0 0—13 5 08

C 239 (1)
23 3 09

GENERAL AND REVENUE SECRETARIAT.

COUNCIL MATTER

SUBJECT

Revised proposals in regard to the accommodation for teaching Science in the Central College, Bangalore

Circulated to Councillors

By Order

M Chandrasekhara Aiyar
Secretary

- 23rd March 1909

C901
24/3/09

T ANANDA ROW, Esq, B A,
First Councillor

27/III/09

K P PUTTANNA CHETTY, Esq,
Second Councillor

Submitted to His Highness

I re-submit the papers regarding the additional buildings for the Central College, received back with r Maconochie's D O letter of the 2rd instant Dr Bhabha, during his recent visit to Madras, saw the laboratories of the Madras Presidency College and the Christian College and also consulted Professor Jones of the Presidency College The result of the consultation is that it has been decided to put off the construction of a Chemistry building and the settlement of the question how far the Agricultural Chemist's Laboratory with necessary additions and alterations, may be utilised, until the appointment of the new Professor of Chemistry As regards the building for Physics, Professor Jones thought that the requirements put down by r Metcalfe were necessary As explained in r Bhabha's memo-

A randum of the 16th March, a plan for a building for Physics alone has therefore been prepared in consultation with Dr Travers and r Metcalfe The plans have also been approved by r Tait

B In his letter of the 17th instant to r Bhabha, the Chief Engineer estimates the cost of the new building at between Rs 80,000 and Rs 92,000

The construction of a new building, as proposed, for the Physics teaching may be sanctioned

This is one of the subjects which His Highness had desired to be settled before I vacated office
K 21/2/10.20

Record of Cases submitted for the Orders of His Highness the Maharaja

Subject

313 07
787

Revised proposals in regard to the accommodation for teaching Science in the Central College, Bangalore

815

Order

Sanctioned
~~KRW~~
7/4/09

Secy
Please return the accompanying draft orders
Recd contained
accordingly - Stto 8/4/09

8/4/09 Secy 10/4/09

h 54 for a hearing 10/4/09

G R S 12]
General and Revenue Secretariat

File No of 1190

Serial No

Draft submitted

USB
14/4/09

Submitted for Sanction 23/4/09

Hm

14/4/09
13-4-09

12/459

Draft approved this 13 April

Irene Ledger
14/4/09

16 To the Chf Engr + Secy P W D, 14/4/09
" DG of Edn + Comptr
No 60 111-3 of 14/4/09

Approves of the proposals covering for the construction of a new building for the Physics classes & laboratories & suggesting that the construction of buildings for the teaching of chemistry may be deferred till a temp of chemistry is appointed; requests the Govt to take steps for the speedy erection of the buildings & presumes that the location of the Physics bn now proposed will allow of a proper location of the chemistry buildings of the future

NOTE—Contn sheet

GIB—0000—15 5 08]

G R S 15]

Facing sheet for Cases included in the schedule appended to Notification No 36 of the 8th Aug 1902

GENERAL AND REVENUE SECRETARIAT

Subject— Revised proposals in regard to the accommodation for teaching Science in the Central College, Bangalore.

	Date	Initial of Officer himself or responsible Deputy
Received in the Secretariat		
Submitted to Secretary		
Submitted by Secretary to Dewan or Councillor in charge		
Returned to Secretary		
Circulated by Secretary for Council	23 3 09	
Forwarded by 1st Councillor	27-3-09	
Forwarded by 2 Councillor	28 3 09	
Received in Secretariat		
Considered in Council		
Submitted to the Dewan		
Submitted to His Highness		
Orders passed by His Highness		
Final Orders issued		
Circulated to Councillors		
Passed on by the Councillor		
Returned to Secretary by Councillor		

G L B—1,000 31 3 06

6781-6
Edn 370-07-15-A
Bg 20109

Circular Memorandum

A conference will be held on Friday the 23rd inst at 2 pm in the Public Offices Bangalore in order to discuss the arrangements for the ~~proposed~~ opening ~~of~~ accommodation for the (1) for the Science teaching in the Central College, (2) for the Bacteriological & Entomological & the Agricultural Chemists Annexes, (3) for the Bacteriological Laboratory, (4) for the Mycologist ~~Veterinary~~ Health Officer, (5) for the Malariologist, & (6) for the Lawrence College

The presence of Colonel Crosse / Dr Clemow / Dr Sewell / Dr Bard / Dr Mercado / Dr Mackintosh / Capt Dixon at the conference is requested

By order
Bg 20109
Secretary

To

~~The Director of Agriculture~~
The Entomologist
The Bacteriologist & Entomologist
The Principal Central College
C P McCrae Esqre Principal Civil College
The Chief Engineer
~~The Deputy Chief Engineer~~

Government of His Highness the Maharaja of Mysore.

General and Revenue Secretariat.

No -

Dated Bangalore, January 1909.

C i r c u l a r M e m o r a n d u m.

A conference will be held on Friday the 22nd instant at 3. P.M in the Public Offices, Bangalore, in order to discuss the arrangements necessary for providing accommodation (1) for Science teaching in the Central College, (2) for the Government Mycologist and Entomologist and the Agricultural Chemist's Assistants, (3) for the Bacteriological Laboratory, (4) for the offices of the Health Department, (5) for the Maternity, and (6) for the Sanskrit College.

The presence of at the conference is requested.

By order,

Secretary to Government.

To

The Senior Surgeon and Sanitary Commissioner.
The State Geologist.
The Government Mycologist and Entomologist.
The Principal, Central College.
A. P. Metcalfe, Esquire, Professor of Physics, Central College
The Chief Engineer of Mysore.

D K.

[M G D 13]

MYSORE GEOLOGICAL DEPARTMENT,

DATED BANGALORE, 20th January 1909

No 1854

Secn 370-07 15b

From

Dr W I SMITH, M A, D SC, A R S M &c,
State Geologist in Mysore

To

K S Chandrasekhara Iyer, Esquire, B A ,B L ,
Secretary to the Government of His Highness
the Maharaja of Mysore,Gen & Rev Depts

SIR

With reference to your Circular Memorandum No 6781-6, dated 20th January 1909, I have the honour to inform you that I have arranged to proceed to the Kolar Gold Fields tomorrow and ~~will~~ may not be able to return in time to be present at the conference to be held at the Public Offices on Friday the 22nd idem

I have the honour to be,
Sir,
Your most obedient servant,

W I Smith

C N

State Geologist in Mysore

jm

[1 B—50—17 1 08

1 Con 370-07-15 lb

Deans — Dr Smeeth is not here today He is one of those that may have something to say about the alterations to the Agricultural Chemists Laboratory

Ch Engineer — He could not come today by as his Motor broke down He is in the Kalgoorlie Gold Fields He is expected tomorrow morning by train.

Deans — If he had also been here we could have fully discussed the ~~preliminary work~~ question, but may discuss the preliminary points and necessary adjourn the Conference till Dr Smeeth can be present.

But actual present, shall we commence? ~~Perhaps we may begin with the question of temporary~~ We have three schemes for providing ~~the~~ accommodation for Science teaching in the Central College

The Government orders have ~~been~~ passed ~~with regard to the proposed~~ ~~connected with building for meeting the requirements of the Navy Regulations for teaching Science~~ After ~~final~~ orders were passed by Government Col Smyth came up with the new proposal on the subject ~~of~~ Perth which he proposes that instead of putting up a building behind or by the side of Dr Lehmann's laboratory, he would place

about erecting marking extra additional buildings extending the college buildings & then that was reconsidered it was decided to utilise the Agric chemists laboratory and adding to it a lecture theatre &c

the Bacteriological Laboratory at the
disposal of the Education Department
of certain ~~Arrangements~~ proposals he ~~wanted~~ made to be
~~done~~ as regards to the Maternity Hospital
and the new Health Dept ~~could be secured~~ were accepted And then the whole
thing was reconsidered and there
was a meeting at which, Dr
Smith, Dr Travers, Col Wright and
Mr Bhabha were present, to con
sider the above ~~proposal~~ scheme This
meeting was held about the 7th
or the 8th of December 1908 when
Mr Metcalfe had not yet arrived Orders were then passed
~~accepting~~ accepting the proposals.

How would you like the thing
to be taken up at the stage when
Govt ~~passed orders for~~ decided on the alterations
in the Agricultural Chemists' labo
ratory, ~~including~~ & the putting up
of a lecture theatre, & ~~the Govt~~ issued
orders thereon ~~were~~ in the P W D?

I would like to put forward Mr Tata
fresh proposals altogether

Have you got any proposals Dewan
now, which we might take up
as a starting point for discus
sion?

Mr Jack — My proposal is to build a new block for the physics and chemistry ~~departments of the Central college~~, either at the South west end of the College compound or on some other suitable preferably in the compound of the College I can also give them plans of the various lecture rooms, laboratory rooms etc

Deeran — I believe ~~the alterations~~ the scheme which were first proposed and regarding which orders were passed in the Public Works Dept — I mean the alterations in the Agricultural chemists' Laboratory — were made with your approval

Mr Jack — I don't understand that they were carried out

Deeran — That is quite another matter But ~~so~~ far as the first orders were concerned, I suppose they were passed after you had been consulted?

Mr Jack — Yes ~~I did~~ But I did not see an opinion on the various requirements There was a meeting at the Central College ~~at~~ which Mr Travers alone attended He undertook to show that the place he suggested would be made available

that was
and suitable But on a point
like that I could not ~~check~~ advise
at all

The But so far as the ~~proceedings~~ proposals Dewar
dec were concerned, they were ~~taken~~ accepted
of upon an understanding come to
~~tom~~ with you Mr Travers and the
and I G of Education and Capt
~~fe~~ Deare as representing the Chief
Tim Engineer
ina
Shu Well, my practice is that Mr Tait
Sh I have very ~~great~~ doubts whe
and ther Mr Travers the provision
me suggested by Mr Travers is any-
a thing like ~~successful~~ adequate.
Sh
ca That is quite a different Dewar
point That is very opposite now was/
to I direct your ~~reply~~ upon at that time to ~~express~~ that
Ej ground to proceed further
cu We will take up the question
re at the point when orders of
of Govt were passed ~~on modifica~~
ch ~~tion of~~ on the original proposals, viz
— to add two lengths to the College
cu accordance with Mr Cook's re-
f commendation of course, they
were modified, subsequently
cu accordance with Mr Travers'
, advice after consulting you &
the I G of Education whether the
, opinion ~~then come to by you~~ you were
you ~~framed~~ gave them

correct or not or based upon the requirements of the case, or a different matter we shall reconsider such scheme if necessary, ~~if a matter~~ we are met here to go over the whole question & come to a final decision But I want to know whether at ~~that time~~, I am correct in saying that the proposals made at A and sanctioned by Government had received your approval at that time

Mr Jack — I am for re-considering the whole matter

Deveran — Yes But I want to know if the original proposals were not the outcome of the discussion of the whole solution with you, Mr Bhabha and Dr Travers, with ~~our~~ & scientific advisers at the time?

Mr Jack — The scheme was drawn up by a scientific man and I do, say yes

Deveran — All right You want that scheme also to be reconsidered ~~at least excluding~~ after all the late developments after all big the

slipped in and suggested his leaving out of question ~~being included~~ for proposals, in other words putting these aside, am I to understand that you want the ~~original~~ scheme, with later ~~modifications~~ also to be re-considered? utilising the chemists

I wish to make fresh proposals altogether Mr Jack

That is, perhaps leaving the Agricultural chemists' laboratory, alone ~~don't mix up the two~~ Mr Owen

Your idea is to have an independent scheme for providing accommodation, scientific teaching under the new Regulations that means Apply we go back to the original scheme as framed by Mr Cook

Well I should prefer a separate block altogether for the Science classes Mr Jack

You mean that also Mr Owen

That scheme is to be reconsidered ~~entirely~~ or ~~exclude~~ the scheme that was adopted on Dr Travers' advice in which he brought in the Agricultural chemists' laboratory 7

I desire that the two Mr Jack

the agricultural laboratories
laboratories should be left entirely out of the question

Deveen — In fact, we go back to Mr Cook's scheme, the two other schemes in order being Dr Travers' and Col Smyth's and there are three schemes first of these you reject Dr Smyth's Dr Travers' schemes also and go back to Mr Cook's And you want that also to be reconsidered Am I right?

Mr Tait — Yes That is so

Deveen — Then what are your proposals?

Mr Tait — My proposal is not to add to the present buildings but to erect a separate block for Physics & Chemistry teaching & looked at the site with Col Smyth and see the buildings find that there is room for it on the College premises

Deveen — Then I think it is a matter to be settled between you & the chief Engineer

Mr Tait — There is a great advantage in having a separate blocks for Physics & chemistry The present buildings is ~~quite insufficient~~ already much of a patchwork & Mr Cook's scheme was ~~quite~~ unsatisfactory.

That would cost more than a table ~~to a matter of taking~~ Chief Engineer
Whereas Mr Cook's ~~for~~ scheme would have cost only 6000 £

Yes But ~~we must provide~~ Mr Dewar
~~for it~~ under the University Regulations ~~were~~ we must provide the necessary accommodation

May I ask whether the requirements of the University were placed before Mr Travers before he formulated his proposals? Comptroller.

Yes all the papers were sent to him Mr Dewar

If all the requirements were placed before him and he framed his scheme for the present teaching accordingly, I don't ~~know~~ see ~~how~~ it ~~could~~ be rejected Comptroller.

Whether the ~~skill~~ scale on which he ~~supplied~~ ~~to~~ provided for the requirements would meet the approval and ideas of the Syndicate is quite another matter. Mr Jack

~~Perhaps~~ But we must have seen ~~it was clear to him~~ from the papers at any rate what the Syndicate wanted? Comptroller.

The Syndicate have not laid down the scale.

Certain courses of study are laid down But the number Mr Jack
laboratories + the ~~quantity~~ accommodation
that are to be provided

are not laid down

Comptroller — Dr Travers must have considered them well before he formulated his proposals

Mr Tait / Deveen — Dr Travers had considered the requirements of the university in a way but the syndicate took the judge. There was also Mr Beattie of Education who, though not a Queen's man himself, has had considerable experience of the wants

University requirements. — He was also a member of the University Committee of inspection

Comptroller — Do we approve of Dr Travers scheme

Deveen — Upon entirely

Comptroller — In that case, it should be made clear in what way Dr Travers' scheme is wanting

Col Smyth — At that time the new Professor of Physics was not here He has now arrived and also he that has to say what one the requirements, in preference to Dr Travers

Mr Tait — It was better of Dr Travers to kept out of the matter altogether & He seems to told Mr Metcalfe you will have this laboratory but if you will not have you will have nothing That shut seems to

we pervaded the whole of this scheme

Yes He cannot know what Chief Engineer
the requirements of the Central
College are He cannot interfere
with the College affairs He is only interested in t
~~entirely meant for~~ Data's in sle
tute and care nothing for the Central college

If that is the case, Mr Jack Comptroller
can point out the defects in his
scheme

I am prepared to say that Mr. Jack
Mr Metcalfe has provided all the
requirements and has suggested the
~~requisite~~ provision which Mr Travers
~~can have to~~ say upon it, I do not know

The most important point is Col Smyth
that the College Professors has
to make his teaching a success
Mr Metcalfe has been brought
here, ~~I believe~~, as a specialist
He alone have to say what the his
requirements are ~~of the building~~
~~should be~~ I would put
the College professors opinion before
Mr Travers' Here can the profes-
sor take a laboratory designed
by somebody else? Each has his own ideas of
how the laboratory should be fitted up When I send the head of the scheme, I al
Mr. there is the general aspect of Comptroller thought
accommo
loan contri

The question Dr Flakers is also a scientific man & he has made certain suggestions after consulting the requirements of the University Laboratories cannot be built for each professor.

Col Smyth

not now making witness for the new teaching

The Mayor Chair ~~desires to consider the proposals and~~ is And so it is possible to consult the College professor about the requirements. The professor is to be trusted as to these

Comptroller

~~The~~ proposals are ~~to~~ no doubt to receive every consideration without ~~any further examination & reading~~.

~~Lett~~ Col Smyth

There is again the question of chemistry

Deacon

But are you, Mr Jack, going to have a separate professor for chemistry or does Mr Metcalfe take up both Physics & Chemistry? I believe Physics is now much asked

Mr Jack

~~But~~ The Ex Q of 30th March sanctions the appointment of a professor of Chemistry He ~~should~~ ~~Can~~ be here when the new building is ready & the laboratory is to be fitted up

Secretary

He will communicate the ~~end~~ middle of ~~August~~ 1911.

Mr Matthaei

That subject was considered in

Conference of August last and of
years decided that the ~~chemistry~~ the question provision
~~should~~ be taken up in the beginning on chemistry ~~was~~
of next year.

Two courses are ~~to be~~ Dewan
required in July 1911 & Are
we dealing only with the Physics
Laboratory?

My proposal is to have a Mr. Jack
separate block for Physics &
Chemistry

Do the proposals made by Dewan
Dr Travers refer to both the Physics
& Chemistry Laboratories?

The plan is to make provision Mr. Jack
for Chemistry & Physics in ~~the two~~
~~Laboratories~~ — the Agl Chemists' Bacteriological laboratory
~~but leaving out the Bacteriological laboratory~~
~~Not that~~ In the final scheme Dewan
he did not take into consideration
the Bacteriological laboratory & all
the idea was to shift both the
Physics & Chemistry sections from
the Central College and accom-
modate them in a new place, viz
~~as~~ the Agr Chemist's laboratory
But what is Mr Metcalfe's pro-
posal now? Is it only to provide
for the Physics laboratory or for both
Physics & Chemistry laboratories

Mr Tait — For both

Dewar — Is Mr Metcalfe an authority on Chemistry alone?

Mr Tait — Yes

Dewar — If Chalmers proposals be made now may be accepted for both Physics & Chemistry?

Mr Tait — I think he might make certain reservations ~~as~~ regards Chemistry ~~But~~ ~~the~~ proposals so far as space goes will be sufficient But as regard internal ~~arrangement~~ fittings the new Professor of Chemistry ~~&c~~ may have ~~different~~ new ideas

Dewar — But what is the thing required to be done immediately? Perhaps Physics ~~will~~ has to be taken up immediately under the new University Regulations.

Mr Tait — There ought to be sufficient room at present now for the Intermediate Physics & Chemistry ~~of the Intermediate~~ classes We ought to have had one Intermediate class already but for the failure ~~Results~~ of the Matriculation Examination Next January we shall have two in the ~~old~~ buildings present college

~~Now~~ we can somehow manage till the end of the calendar year 1909
But next year it is absolutely
impossible to go on without a new building

I am speaking of immediate Mr Swan
requirements ~~But~~ Next year we
~~should~~ shall have shifted ~~chemistry~~
~~to~~ the Agric chemist's laboratory
~~and also~~ & the Botanist's laboratory
& entirely from the present
buildings, and left free Dr Lehmann's
laboratory for your purpose
It is only to meet immediate
requirements within the next year
that we have to make arrange-
ments ~~now~~ at once.

For 1909 I can manage with Mr Clark
the present ~~state~~ building &c up to 31/12/09

Sir, you can manage with the Mr Swan
existing accommodation up to the
end of the calendar year?

Yes But more space must be Mr Falk
made available in 1910.

Yes If But till then you Mr Swan
can go on with the existing
arrangements

Yes Mr Falk.

Dr Deeves — Suppose by that time we place the whole of the Agr. Laboratory at your service could it not meet your requirements?

Mr Tait. — No

Mr Metcalfe — That is also my opinion too

Dr Deeves — Have you seen Dr Lehmann's Laboratory and don't you find it suitable for your requirements?

Mr Metcalfe — No, not without considerable additions

Dr Deeves — What additions?

Mr Metcalfe — I want two large lecture theatres for lectures, separate for Physics & chemistry

Dr Deeves — Are they to go on at the same time?

Mr Metcalfe — Yes

Dr Deeves — What are the dimensions of the lecture halls?

Metcalfe — 45 feet square -

Dr Deeran

Suppose one add on these
two theatres to the Agr chemists'
laboratory would it meet your
requirements?

Mr Metcalfe. Do ~~possible~~ It might be just possible but would not be desirable the Agr chemists' laboratory will not be available for teaching

Dr Deeran Can we have the theatres also

Mr Metcalfe Yes, but for practical teaching it will not suit the ventilation arrangement ~~laboratory~~ will be a few people working in but when a large number of students work there the ventilation arrangements will be quite inadequate

Dr Deeran Could you with any alterations that may be possible, could you fit it for your purpose?

Mr Metcalfe I am very doubtful of it

Dr Deeran Have you considered the alterations suggested by Dr Dawson?

Mr Metcalfe Yes I have seen them

Dr Deeran With these will it not be possible to ~~teach~~ two Physics & Chemistry classes there

Mr Metcalfe It is it cannot be with these alterations It will be necessary to have also ~~Laboratory, scheme~~ the bacteriological laboratory as in old Scheme

Dewar — Col. Smyth's proposals came very late
We had by that time come to
a clear understanding & Govt
had passed orders upon the
proposals made by Dr Traves
and concurred in by Dr Teal
& the D.G. of Education that was
our place I meant to know of
with the addn of the alterations & suggestions
the existing Agr. chemical labo-
ratory, you will not be able to
meet all possible requirements
for the teaching of Physics & che-
mistry

Melcalfe — Of course to any require
a separate building separate the proposa-
tions & alterations suggested by Dr Travers
will not meet the requirements
of class teaching

(Here Dr Mathan read the letter to Capt Dawes 11 Nov 08
from Dr Travers explaining
his scheme)

Melcalfe — I have not seen that letter &
the plans
(Dr Mathan showed explained
the plans to Dr Metcalfe & DG

Dewar — That plans for scheme included

h
C
a new building by the side of Dr
Lehmann's laboratory to wch
Col. Smyth objected then we
b proposed to shift the to the new building
c head Mill Laboratory It was
b ab that stage that Col Smyth said that
— instead of making all those
additions we could take the Bacte
riological laboratory also, giving
him another building

Mr Hall
Cohen designed the plan
H Dr Metcalfe might have had
bm some diff considerations

Mr Metcalfe
I can have a list of mi
nimum requirements & have sat
isfied them here

Mr Metcalfe to n
Meanwhile you can say
to Dr Lehmann's laboratory
with the requirements additions
cannot serve your purpose
~~at the same time~~)

Mr Metcalfe (after
I have looked into the plan I
think this will not do at all
Some of the
considerations
is not shown in the plan N-
The theatre comes behind the Museum

building

Mr Melcalfe There is only one but I count two

the new building Mr Jones Yes there was one large theatre 100x40 proper (two 45x45 feet) but arrangements are only started instead of one large theatre you could have smaller ones that can be easily arranged later and could be a temporary arrangement, laboratory will do for you. If not what further additions do you would like we can leave the whole building at your disposal

Mr Tait It is not wanted to me It is totally unsuited for all class Teaching instead of getting the opinion of Dr Traveis upon, Mr Jones of Manchester may be asked to inspect the building & state his opinion as he is a man whose opinion must prevail / Mr Melcalfe's opinion cannot be accepted, unless

(is likely to be by the syndicate unless the arrangement meets the views of Mr Jones)

If you think so, we shall request the Syndicate to depute Mr Jones to Bangalore for the purpose But Mr Melcalfe is our present adviser

Melcalfe I think it is improper to make it a matter of such the Govt Chemical Laboratory in any case I could send for a new

building allotted in

all right that settle that Dewan
part of the question we will
next proceed to consider the
question of an independent
building for Physics & chemistry

It is to be in addition to Mr. Metcalfe
the present college building so
have nothing to do with the
Agn chemical laboratory I
add Grant it to form a separate block

Have you decided about Dewan
the location?

Mr. Metcalfe
Yes
the whole question is simplified & the new scheme has
worked out satisfactorily
I will settle it with the Dewan
chief Engr You don't want to
anything to have with the Agn.
chemical laboratory You want to
have an independent building as
you are you want it to be
part of the College premises
So it or not include?

That remains to be decided & Mr. Metcalfe
think the ch Engr will see to
it

Dewan
Then consult the chief Engr
& send in your proposals

Smyth — I think that Dr Lehmann's laboratory is not suitable for the work [illegible] I feel [illegible] a mistake. The front site may very well be utilized for the [illegible]

Cr — Perhaps the Eye Infirmary may be brought in there

Smyth — No The Eye Infirmary cannot be brought there it must be kept in

Dewan (to Mr Tait, as he was discussing the site of the Buildings) [illegible]

Do not overcrowd the site we have not got much compound there Don't crowd the compound with too many buildings if you can possibly help it

I suppose we may take it as settled that we have to construct a separate building for the science teaching of the College Then the Bacteriological Laboratory is also left alone undisturbed

Coleman — I think I explained to Col Smyth that the Govt on ~~agreeing~~ proposal arranging to take the Bacteriological Laboratory & Dr Lehmann's Laboratory for the College classes ~~will~~ left no space for the Assistants of [illegible] Chemists' office I am

placed in charge of these men
Those men have to work under my
supervision at least for some time
more

No you are not to be disturbed Dewan
at all ~~You are the master of~~
~~the whole house~~. You will not
be disturbed until new accom
modation is provided for you

Then, is the Maternity hospital to be trans Col Smyth
ferred to the Fort

No it cannot be done That again hinges ~~Col~~ Dewan
upon something else We had
provided for Rs 15,000 in the order
for the Sanscrit College and the
land also was going to be ac
quired & everything kept in readi-
ness for carrying out the Govt
order Meanwhile this thing
came up and everything had
to be considered anew We did
not think of these things until
you stepped in Now the inter
mediate scheme has also been
rejected Mr Cook's proposals are
also gone and we have now to
start with entirely new proposals
So, Mr Metcalfe, this is a matter

entirely between you & the Fact on one side and the Chief Engineer on the other You have to fix a design for a new building

General Secretary — Probably the cost would be two lakhs

Chief Engineer — You have resumed all that money that was originally provided for

Comptroller — It is only for the current year Sufficient provision will be made next year

Dewan — As Dr Coleman & the Agr Assistant will not be disturbed from their present place unless accommodation is provided for them near the Research Institute

Dr Coleman — In that case, Govt will also have to provide ~~for~~ a few Bungalows for the officers working there Among the officers now there may be some who have built houses in the Chamarajendrapet or Basavangudi extensions and it will be very hard on them to say that they should go to office so far, or build new houses ~~for them~~ again in the Malleswaram extension

read not consider that Queen,
[illegible] of the cage

[illegible], will be bring to your Dr Coleman
notice but there are difficulties
in the way

I fear I prevent you would be Queen
debarred from your place That
is we fear can assure you at
present

It is now decided that
the Directors will ~~fund~~ give you the Grants
space and as to the locality and
the form of building to be put up
for the Science classes, these are
"matters ~~for~~ to be settled with the
Chief Engineer

Proceedings of the Conference held in the Public Office Buildings, Bangalore, at 3 p m on the 22nd January 1909

PRESENT

V P MADHAVA RAO ESQ B A C I E Dewan (Presiding)
K P PUTTANNA CHETTY ESQ (Second Councillor)
LT COL J SMYTH I M S (Senior Surgeon and Sanitary Commissioner)
W McHUTCHIN ESQ (Chief Engineer)
J G TAIT ESQ M A (Principal Central College)
J S CHAKRAVARTI ESQ M A F R A S (Comptroller to Government)
K S CHANDRASEKHARA AIYAR ESQ B A B L (General and Revenue Secretary)
DR L C COLEMAN PH D (Government Mycologist and Entomologist)
E P METCALFE ESQ B Sc (Professor of Physics Central College)

DEWAN —Dr Smeeth is not here to day He is one of those that may have something to say about the alterations to the Agricultural Chemist s laboratory

CHIEF ENGINEER —He could not come to day as his motor broke down He is in the Kolar Gold Fields He is expected to morrow morning by train

DEWAN —If he had also been here we could have fully discussed the question but we may discuss the preliminary points and, if necessary, adjourn the Conference till Dr Smeeth can be present

But at what point shall we commence? We have before us three schemes for providing accommodation for science teaching in the Central College Two Government orders have been passed on the subject The first was about extending the college buildings and then that was re considered and it was decided to utilise the Agricultural Chemist s laboratory adding to it a lecture theatre, etc After orders were passed by Government in the Public Works Department on this scheme, Col Smyth came up with his proposal that instead of putting up a building behind or by the side of Dr Lehmann s laboratory, he would place the Bacteriological laboratory at the disposal of the Education Department if certain proposals he made in regard to the Maternity Hospital and the new Health Department were accepted And then the whole thing was re considered and there was a meeting at which Dr Smeeth, Dr Travers, Col Smyth and Mr Bhabha were present, to consider the above scheme This meeting was held about the 7th or the 8th of December 1908 when Mr Metcalfe had not yet arrived Orders were then passed accepting the proposals

Now would you like the matter to be taken up at the stage when Government decided on the alterations in the Agricultural Chemist s laboratory and on putting up a lecture theatre, and issued orders thereon in the Public Works Department?

MR TAIT —I would like to put forward fresh proposals altogether

DEWAN —Have you got any proposals now, which we might take up as a starting point for discussion?

MR TAIT —My proposal is to build a new block for the Physics and Chemistry teaching either at the south west end of the College compound or on some other site, preferably in the compound of the College I can also give the dimensions of the various lecture rooms, the laboratory rooms, etc

DEWAN —I believe the scheme which we first proposed and regarding which orders were passed in the Public Works Department, I mean the alterations in the Agricultural Chemist s laboratory, were made with your approval

MR TAIT —I don't understand that they were carried out

DEWAN —That is quite another matter But so far as the Government orders were concerned I suppose they were passed after you had been consulted?

MR TAIT —Yes, but I did not give an opinion on the scientific requirements There was a meeting at the Central College which Dr Travers also attended He undertook to show that the place he suggested might be made available and that it was suitable But on a point like that I could not advise at all

DEWAN —But so far as the proposals were concerned, they were accepted upon an understanding come to with you, Dr Travers, the Inspector General of Education and Capt Dawes as representing the Chief Engineer

MR TAIT —Well, my position is that I have very grave doubts whether the provision suggested by Dr Travers is anything like adequate

DEWAN —That is quite a different point That is your opinion now I want to know what your opinion was at that time, to clear the ground to proceed further

We shall take up the question at the point where orders of Government were passed on the original proposals, *viz*, to add two wings to the College in accordance with Mr Cook s recommendations Of course they were modified subsequently in

accordance with Dr Travers advice after consulting you and the Inspector General of Education Whether the opinion you gave then was correct or not, or based upon the requirements of the case, is a different matter We shall re consider that scheme, if necessary, as we are met here to go over the whole question and come to a final decision But I want to know whether I am correct in saying that at that time the proposals made and sanctioned by Government had received your approval

MR TAIT —I am for re considering the whole matter

DEWAN —Yes But I want to know if the original proposals were not the outcome of the discussion of the whole situation with you, Mr Bhabha and Dr Travers who was our only scientific adviser at the time

MR TAIT —The scheme was drawn up by a scientific man and I did say 'yes

DEWAN —All right You want that scheme also to be re considered, all the latter developments after Col Smyth stepped in and suggested his own proposals being left out of the question In other words putting these aside, am I to understand that you want the scheme for utilising the Agricultural Chemist s laboratory also to be re considered ?

MR TAIT —I wish to make fresh proposals altogether

DEWAN —That is, perhaps leaving the Agricultural Chemist s laboratory alone Your idea is to have an independent scheme for providing accommodation for scientific teaching under the new Regulations That means simply we go back to the original scheme as framed by Mr Cook

MR TAIT —Well, I should prefer a separate block of buildings altogether for the science classes

DEWAN —You mean that that scheme is also to be re considered after we drop the scheme that was adopted on Dr Travers' advice in which he brought in the Agricultural Chemist s laboratory

MR TAIT —I desire that the two laboratories—the Agricultural Chemist s and the Bacteriologist s—should be left entirely out of the question

DEWAN —In fact, we go back to Mr Cook's scheme the two other schemes in order being Dr Travers and Col Smyth's Now there are these three schemes Out of these you reject Dr Travers and Dr Smyth's schemes and go back to Mr Cook s And you want that also to be re considered Am I right ?

MR TAIT —Yes, that is so

DEWAN —Then what are your proposals ?

MR TAIT —My proposal is not to add to the present buildings but to erect a separate block for Physics and Chemistry teaching I looked at the site with Col Smyth and we find that there is room for the building in the college premises

DEWAN —Then I think it is a matter to be settled between you and the Chief Engineer

MR TAIT —There is a great advantage in having a separate block for Physics and Chemistry The present building is already much of a patch work and Mr Cook s scheme is unsuitable

CHIEF ENGINEER —That would cost more than a lakh, whereas Mr Cook s scheme would have cost only Rs 60,000

DEWAN —Yes But under the University Regulations we must provide the necessary accommodation

COMPTROLLER —May I ask whether the requirements of the University were placed before Dr Travers before he formulated his proposals ?

DEWAN —Yes, all the papers were sent to him

COMPTROLLER —If all the requirements were placed before him and he framed his scheme for the scientific teaching accordingly, I don't see why it should be rejected

MR TAIT —Whether the scale on which he provided for the requirements would meet the approval and ideas of the Syndicate is quite another matter

COMPTROLLER —But he must have seen from the papers at any rate what the Syndicate wanted

MR TAIT —The Syndicate have not laid down any scale Certain courses of study are prescribed But the number of laboratories and the amount of accommodation to be provided are not laid down

COMPTROLLER —Dr Travers must have considered them well before he formulated his proposals

MR TAIT —Dr Travers considered the requirements of the University in a way, but the Syndicate is the best judge

DEWAN —There was also Mr Bhabha, the Inspector General of Education, who, though not a scientific man himself, has had considerable experience of University requirements He was also a Member of the University Committee of Inspection

COMPTROLLER —Did he approve of Dr Travers scheme?

DEWAN —Yes, entirely

COMPTROLLER —In that case, it should be made clear in what way Dr Travers scheme is wanting

COL SMYTH —At that time the new Professor of Physics was not here He has now joined and it is he that has to say what are the requirements in preference to Dr Travers

MR TAIT —It is better if Dr Travers is kept out of the matter altogether He told Mr Metcalfe, 'you will have this laboratory or nothing That spirit seems to have pervaded the whole of his scheme

CHIEF ENGINEER —Yes, he cannot know what the requirements of the Central College are He cannot interfere with the College affairs He is only interested in the Tata's Institute and cares nothing for the Central College

COMPTROLLER —If that is the case, Mr Tait can point out the defects in his scheme

MR TAIT —I am prepared to say that Mr Metcalfe has pointed out the requirements and has suggested the requisite provision What Dr Travers can have to say upon it, I do not know

COL SMYTH —The most important point is that the College Professor has to make his teaching a success Mr Metcalfe has been brought here as a specialist He alone has to say what his requirements are I would put the College Professor's opinion before Dr Travers How can a Professor take a laboratory designed by somebody else? Each has his own ideas of how a laboratory should be fitted up When I heard of the scheme I also thought the accommodation was insufficient

COMPTROLLER —But there is the general aspect of the question Dr Travers is also a scientific man and he has made certain suggestions after consulting the requirements of the University Laboratories cannot be built anew for each Professor

COL SMYTH —The Mysore Government is just now making provision for the new teaching, so, it is possible to consult the College Professor about the requirements The Professor is to be trusted as to these

COMPTROLLER —His proposals are no doubt to receive every consideration

COL SMYTH —There is again the question of Chemistry

DEWAN —But are you, Mr Tait, going to have a separate Professor for Chemistry or does Mr Metcalfe take up both Physics and Chemistry? I believe Physics is his main subject

MR TAIT —The Government Order of the 30th March 1908 sanctions the appointment of a Professor of Chemistry He should be here when the new building is ready and the laboratory is to be fitted up

SECRETARY —He will come at about the middle of 1911

MR MATTHAN —That subject was considered in the Conference of August last and it was decided that the question of the provision for Chemistry should be taken up at the beginning of the next year

DEWAN —His services are required in July 1911 Now are we dealing only with the Physics laboratory?

MR TAIT —My proposal is to have a separate block for both Physics and Chemistry

DEWAN —Do the proposals made by Dr Travers refer to both the Physics and Chemistry laboratories?

MR TAIT —His plan is to make provision for both Chemistry and Physics in the Agricultural Chemist s and Bacteriological laboratories

DEWAN —In the first scheme he did not take into consideration the Bacteriological laboratory at all His idea was to shift both the Physics and Chemistry sections from the Central College and accommodate them in a new place, *viz*, the Agricultural Chemist s laboratory But what is Mr Metcalfe s proposal now? Is it only to provide for the Physics laboratory or for both the Physics and Chemistry laboratories?

MR TAIT —For both

DEWAN —Is Mr Metcalfe an authority on Chemistry also?

MR TAIT —Yes

DEWAN —So whatever proposals he makes now may be accepted for both Physics and Chemistry?

5 MR TAIT —I think he might make certain reservations as regards Chemistry His proposals so far as space goes will be sufficient But as regards internal fittings the new Professor of Chemistry may have his own ideas

DEWAN — But what is the thing required to be done immediately? Perhaps Physics has to be taken up immediately under the New University Regulations

MR TAIT —There ought to be sufficient room just now for the Intermediate Physics and Chemistry classes We ought to have had one intermediate class already but for the failure of the Matriculation Examination Next January, we shall have two In the present College buildings, we can somehow manage till the 6 end of the calendar year 1909 But next year it will be absolutely impossible to go on without a new building

DEWAN —I am speaking of immediate requirements Next year we shall have shifted the Agricultural Chemist s laboratory and the Mycologist s laboratory entirely from the present buildings and left free Dr Lehmann s laboratory for your purposes It is only to meet immediate requirements during this year that we have to make arrangements at once

MR TAIT —For 1909, I can manage with the present College building, *i e*, up to 31st December 1909

DEWAN —So, you can manage with the existing accommodation up to the end of this calendar year?

MR TAIT —Yes But more space must be made available in 1910

DEWAN —Yes But till then you can go on with the existing arrangements

6 MR TAIT —Yes

DEWAN —Suppose by that time we place the whole of the Agricultural Chemist's laboratory at your service Would it not meet your requirements?

MR TAIT —No

MR METCALFE —That is also my opinion

DEWAN —Have you gone over Dr Lehmann s laboratory, don t you find it suitable for your requirements?

MR METCALFE —No, not without considerable additions

DEWAN —What additions?

MR METCALFE —I want two large lecture theatres for Physics and Chemistry

DEWAN —Are the classes to go on at the same time?

MR METCALFE —Yes

DEWAN —What are the dimensions of the lecture halls?

MR METCALFE —Each 45 feet square

DEWAN —Suppose we add on these two theatres to the Agricultural Chemist s laboratory Would it not meet your requirements?

MR METCALFE —It might just do, but would not be desirable The Agricultural Chemist s laboratory will not be suitable for teaching

DEWAN —You will have the theatres also

MR METCALFE —Yes, but for practical teaching it will not suit

MR TAIT —The laboratory was built for a few people to work in, but when a large number of 30 or 40 students work there, the ventilation arrangements will be quite inadequate

DEWAN —With any alterations that may be possible, could you fit it for your purposes ?

MR METCALFE —I am very doubtful of it

DEWAN —Have you considered the alterations suggested by Dr Travers ?

MR METCALFE —Yes, I have seen them

DEWAN —With those, will it not be possible to hold the Physics and Chemistry classes there ?

MR METCALFE —No, it will not be possible to do so even with those alterations It will be necessary to have also the Bacteriological laboratory as in Col Smyth s scheme

DEWAN —Col Smyth s proposals came in very late We had by that time come to a clear understanding and Government had passed orders upon the proposals made by Dr Travers, concurred in by Mr Tait and the Inspector General of Education That was one stage I want to know if, with the additions and alterations suggested to the Agricultural Chemist s laboratory, you will not be able to meet all possible requirements for the teaching of Physics and Chemistry

MR METCALFE — Of course, it would require a separate building The adaptations and alterations suggested by Dr Travers will not meet the requirements of class teaching

(Here Mr Matthan read the letter from Dr Travers to Capt Dawes in November 1908, explaining his scheme)

MR METCALFE —I have not seen that letter and the plans

(Mr Matthan showed the plan to Mr Metcalfe and Dr Coleman)

DEWAN —That scheme included a new building by the side of Dr Lehmann s laboratory to which Col Smyth objected Then we proposed to shift the new building to behind the laboratory It was at that stage that Col Smyth said that instead of making all those additions, we could take the Bacteriological laboratory also giving him another building

DEWAN (to Mr Metcalfe) —You have to say whether Dr Lehmann s laboratory with the requisite additions cannot serve your purpose

MR METCALFE (after some consideration) —I have looked into the plan I think it will not do at all

DEWAN —The theatre is not shown in the plan It comes behind the building

MR METCALFE —There is only one but I want two

DEWAN —There was one large theatre 100×40 feet proposed Your requirements are only two theatres, each 45×45 feet Instead of one large theatre you want two smaller ones That can be easily arranged for I only want to know whether the Agricultural Chemist s laboratory will do for you If not, what further additions do you want ? We can leave the whole building at your disposal

MR TAIT —It is not suited to us It is totally unsuited for class teaching Instead of getting the opinion of Dr Travers, Mr R L Jones of Madras may be asked to inspect the building and state his opinion if Mr Metcalfe s opinion cannot be accepted He is a man who is likely to be sent by the Syndicate to inspect the arrangements, if necessary, and whose opinion must prevail with that body

DEWAN —If you think so, we shall request the Syndicate to depute Mr Jones to Bangalore for the purpose But Mr Metcalfe is our present adviser

MR METCALFE —I think it is impossible to make the Agricultural Chemist s laboratory to suit us satisfactorily in any case I would go in for a new building altogether I have a list of the requirements such as the size and number of rooms, etc

DEWAN —All right That settles that part of the question We shall next proceed to consider the question of an independent building for Physics and Chemistry

MR METCALFE —It is to be in addition to the present College building It should have nothing to do with the Agricultural Chemist's laboratory I want it to form a separate block

DEWAN —Have you decided about its location ?

MR METCALFE —Yes

DEWAN —The whole question is simplified and the new scheme has only to be worked out in consultation with the Chief Engineer You don't want to have anything to do with the Agricultural Chemist's laboratory You want to have an independent building of your own You want it to be put up in the College premises Is it so or is it to be outside ?

MR METCALFE —That remains to be decided I think the Chief Engineer will see to it

DEWAN —Then consult the Chief Engineer and send in your proposals

COL SMYTH —I also think that Dr Lehmann's laboratory is not suitable for the College, on account of its structural defects I think the building is designed for a Museum The front side may very well be utilised for the Health Museum

SECOND COUNCILLOR —Perhaps the Eye Infirmary may also be brought in there

COL SMYTH —No The Eye Infirmary cannot be brought there It must be separate

DEWAN (to Mr Tait, as he was discussing the site of the building with the Chief Engineer) —

Don't overcrowd that space You have not got much compound there Don't crowd the compound with too many buildings if you can possibly help it

I suppose we may take it as settled that we have to construct a separate building for the Science teaching of the College Then the Bacteriological laboratory is also left alone undisturbed

DR COLEMAN —I think I explained to Col Smyth that the Government in arranging to take the Bacteriological Laboratory and Dr Lehmann's laboratory for the College classes left no space for the Assistants of the Agricultural Chemist's office I am placed in charge of these men Those men have to work under my supervision at least for some time more

DEWAN —No You are not to be disturbed at all You will not be disturbed until new accommodation is provided for you

COL SMYTH —Then, is the Maternity Hospital to be transferred to the Fort ?

DEWAN —No It cannot be done That again hinges upon something else We had provided for Rs 15 000 in the order for the Sanskrit College and the land also was going to be acquired and everything put in readiness for carrying out the Government order Meanwhile this thing came up and everything had to be considered anew We did not think of these things until you stepped in Now, the intermediate scheme has also been rejected, Mr Cook's proposals are also gone and we have now to start with entirely new proposals So, Mr Metcalfe, this is a matter entirely between you and Mr Tait on one side and the Chief Engineer on the other You have to fix upon a design for a new building

GENERAL SECRETARY —Probably, the cost would be two lakhs

CHIEF ENGINEER —You have resumed all the money that was originally provided for the building

COMPTROLLER —It is only for the current year Sufficient provision will be made next year

DEWAN —Dr Coleman and the Agricultural Chemist's Assistants will not be disturbed from their present place unless accommodation is provided for them near the Research Institute

DR COLEMAN —In that case, Government will also have to provide a few bungalows for the officers working there Among the officers there may be some who have built houses in the Chamarajendrapet or Basavangudi Extensions and it will be very hard on them to say that they should go to office so far, or build new houses again in the Malleswaram Extension

DEWAN —We need not consider that question at this stage

DR COLEMAN —I only wish to bring to your notice that there are difficulties in the way

DEWAN —For the present you won t be disturbed from your place That is all that we can assure you at present

So, it is now decided that Mr Metcalfe will give you the details as to the space required and as to the locality and the kind of building to be put up for the Science classes, these are matters to be settled with the Chief Engineer

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Edn

File No 370-07

Serial No 16

dd

Diary No of letter replied to

Proceedings of the Government of His Highness the Maharaja of Mysore

GENERAL AND REVENUE SECRETARIAT

( )

the 190

Date of issue 14 4 09

Signed by MrlabB

READ—

1 Govt Pro No 5986-96/ Edn 370-07-15 dt the 23rd December 1908 sanctg certain arrangements for providing

ORDER THEREON—No

additional accommodation for the Dental College etc

2 Proceedings of a Conference held in the Public

over

SUBJECT

Abstract of the proposals providing for the construction of a new building for the Physics classes & laboratories in the Central College & suggesting that the Govt. sanction a building for the teaching of chemistry be deferred till the post of chemistry is appointed

MGCPB—20 000—24 2-0

offices, Bangalore, on the
22nd January 1909, in connection with the Science school.

3 Letter ~~of the~~ No 209 of the
8th February 1909 from the
Principal, Central College,
Bangalore, to the Chief Engineer
forwarding certain Revised
proposals for the addl ac-
commodation required for
the Central College.

4 Memorandum of the
16th March 1909 from the
Secy of Govt in Impore
Submitting for the order
of Govt certain plans for
the addl accommodation
required for the Central
College, as finally settled

GRS 23]

GENERAL AND REVENUE SECRETARIAT

(*Continuation Sheet draft form*)

in Consultation with the Principal, Central College the Professor of Physics, Central College, Dr Travers, Director of the Indian Institute of Science and Professor Jones of the Presidency College, Madras

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Order thereon

No 10114-3 EDN-370 0716 R 14 4 09

The proposals finally decided upon and Submitted to Govt with the Memorandum Read above provide for the Construction of a new building for the Physics classes and

MGCH—50000—5 4 08

Laboratories and it is suggested
that the Construction of buildings
for the teaching of Chemistry
may be advantageously deferred
till a Professor of Chemistry is
appointed

2 Govt approve of the
Recommendations made and in modification of the order of the 23rd Dec 08 read above
request the Chief Engineer the Professor
to take ~~steps~~ preparate for the speedy
erection of the buildings for the Physics classes & Laboratories
Govt take the opportunity
to express their thanks to Dr
Travers and Professor Jones
for the Valuable advice which
they have so readily and kindly
tendered to the Govt in

GRS [illegible]

GENERAL AND REVENUE SECRETARIAT

(Continuation Sheet Draft form)

the Settlement of this important question

It is presumed that the precise location of the Physics Building & Power House and also of a proper location of the Chemistry building of the future —

CSB 12/4

For Secty

To the Secy to Govt at the PWD with the necessary papers in original

Govt of Govt

Comptroller

12/4/09

MSM 14/4

MGCP—50000—3 4 08

Apl 09

Proceedings of the Government of His Highness the Maharaja of Mysore, Local Fund and Sanitary (Education), dated 14th April 1909

READ—

1 Government Proceedings No 5986 96 —Edn 370 07 1o dated the 23rd December 1908 sanctioning certain arrangements for providing additional accommodation for the Central College etc

2 Proceedings of a Conference held in the Public Offices Bangalore on the 22nd January 1909 in connection with the above subject

3 Letter No 219 dated the 8 h February 1909 from the Principal Central College Bangalore to the Chief Engineer forwarding certain revised proposals for the additional accommodation required for the Central College

4 Memorandum dated the 16th March 1909 from the Inspector General of Education in Mysore submitting for the orders of Government certain plans for the additional accommodation required for the Central College as finally settled in consultation with the Principal Central College the Professor of Physics Central College Dr Travers Director of the Indian Institute of Science and Professor Jones of the Presidency College Madras

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No 10111 3—EDN 370 07 16, DATED BANGALORE, 14TH APRIL 1909

ORDER THEREON —The proposals finally decided upon and submitted to Government with the memorandum read above, provide for the construction of a new building for the Physics classes and laboratories, and it is suggested that the construction of buildings for the teaching of Chemistry may be advantageously deferred till a Professor of Chemistry is appointed

2 Government approve of the recommendations made, and in modification of the Order of the 23rd December 1908 read above, request the Chief Engineer to be good enough to take immediate steps for the speedy erection of the buildings for the Physics classes and laboratories

3 It is presumed that the precise location of the Physics building now proposed will allow of a proper location of the Chemistry building of the future

K S CHANDRASEKHARA AIYAR,
Secy to Govt, Gen & Rev Depts

To—The Chief Engineer and Secretary to Government in the Public Works Department with the necessary papers in original
The Inspector General of Education in Mysore
The Comptroller Mysore Government

Exd —c v

1908-09

GOVERNMENT OF HIS HIGHNESS
THE MAHARAJA OF MY

FAMINE FUND AND SANITARY
EDUCATION)

PROCEEDINGS

Dated 11th April 1909

No. 1011-63
No. Edn. 570 of 18